

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/13793

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 12/66; H04Q 7/20

US CL : 455/403, 424, 445, 560; 370/352, 386; 379/220.01; 709/249

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/403, 424, 445, 560; 370/352, 386; 379/220.01; 709/249

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A/P	US 2005/0070288 A1 (BELKIN et al.) 31 March 2005 (31.03.2005), Page 2, Paragraph [0017], Figs. 1-4 & 7-10.	1-20
A	US 2002/0080947 A1 (MKHAILOV et al.) 27 June 2002 (27.06.2002), Abstract, Page 2, Paragraphs [0030]-[0032], Figs. 1-5.	1-20
A/T	US 2005/0094623 A1 (ROBERT D'ELETTO) 5 May 2005 (05.05.2005), Abstract, Page 1, Paragraph [0007] - Page 2 paragraph [0013], Figs. 1-2.	1-20
A	US 6,522,741 B1 (STEVEN CROWL) 18 February 2003 (18.02.2003), Abstract, Co. 5, Line 37 - Co. 6, Line 63, Figs. 1-3.	1-20
A	US 6,522,655 B1 (KEIJO LAIHO) 18 February 2003 (18.02.2003), Abstract, Co. 1, Lines 28-40, Co. 5, Line 59 - Co. 6, Line 5, Co. 6, Lines 19-36, Figs. 1-6.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

24 June 2005 (24.06.2005)

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